

Global Vanadium Redox Battery (VRB) Market Analysis 2015-2019 and Forecast 2020-2025

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Abstracts

SNAPSHOT

The vanadium redox battery (VRB) (or Vanadium flow battery) is a type of rechargeable flow battery that employs vanadium ions in different oxidation states to store chemical potential energy. The vanadium redox battery exploits the ability of vanadium to exist in solution in four different oxidation states, and uses this property to make a battery that has just one electro active element instead of two. For several reasons, including their relatively bulky size, most vanadium batteries are currently used for grid energy storage, such as being attached to power plants or electrical grids.

The global Vanadium Redox Battery (VRB) market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Vanadium Redox Battery (VRB) by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Carbon Paper Electrode

Graphite Felt Electrode

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

Sumitomo Electric Industries

Rongke Power

UniEnergy Technologies

redT Energy

Vionx Energy

Big Power

Australian Vanadium

Golden Energy Fuel Cell

H2, Inc.

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Large-Scale Energy Storage

Uninterruptible Power Supply

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

Contents

1 INDUSTRY OVERVIEW

1.1 Vanadium Redox Battery (VRB) Industry

Figure Vanadium Redox Battery (VRB) Industry Chain Structure

1.1.1 Overview

1.1.2 Development of Vanadium Redox Battery (VRB)

1.2 Market Segment

1.2.1 Upstream

Table Upstream Segment of Vanadium Redox Battery (VRB)

1.2.2 Downstream

Table Application Segment of Vanadium Redox Battery (VRB)

Table Global Vanadium Redox Battery (VRB) Market 2015-2025, by Application, in USD Million

1.3 Cost Analysis

2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

2.1 Policy

2.2 Economics

2.3 Sociology

2.4 Technology

3 VANADIUM REDOX BATTERY (VRB) MARKET BY TYPE

3.1 By Type

3.1.1 Carbon Paper Electrode

Table Major Company List of Carbon Paper Electrode

3.1.2 Graphite Felt Electrode

Table Major Company List of Graphite Felt Electrode

3.2 Market Size

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Type, in USD Million

Figure Global Vanadium Redox Battery (VRB) Market Growth 2015-2019, by Type, in USD Million

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Type, in Volume

Figure Global Vanadium Redox Battery (VRB) Market Growth 2015-2019, by Type, in Volume

3.3 Market Forecast

Table Global Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Type, in USD Million

Table Global Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Type, in Volume

4 MAJOR COMPANIES LIST

4.1 Sumitomo Electric Industries (Company Profile, Sales Data etc.)

4.1.1 Sumitomo Electric Industries Profile

Table Sumitomo Electric Industries Overview List

4.1.2 Sumitomo Electric Industries Products & Services

4.1.3 Sumitomo Electric Industries Business Operation Conditions

Table Business Operation of Sumitomo Electric Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.2 Rongke Power (Company Profile, Sales Data etc.)

4.2.1 Rongke Power Profile

Table Rongke Power Overview List

4.2.2 Rongke Power Products & Services

4.2.3 Rongke Power Business Operation Conditions

Table Business Operation of Rongke Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.3 UniEnergy Technologies (Company Profile, Sales Data etc.)

4.3.1 UniEnergy Technologies Profile

Table UniEnergy Technologies Overview List

4.3.2 UniEnergy Technologies Products & Services

4.3.3 UniEnergy Technologies Business Operation Conditions

Table Business Operation of UniEnergy Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.4 redT Energy (Company Profile, Sales Data etc.)

4.4.1 redT Energy Profile

Table redT Energy Overview List

4.4.2 redT Energy Products & Services

4.4.3 redT Energy Business Operation Conditions

Table Business Operation of redT Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.5 Vionx Energy (Company Profile, Sales Data etc.)

4.5.1 Vionx Energy Profile

Table Vionx Energy Overview List

4.5.2 Vionx Energy Products & Services

4.5.3 Vionx Energy Business Operation Conditions

Table Business Operation of Vionx Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.6 Big Power (Company Profile, Sales Data etc.)

4.6.1 Big Power Profile

Table Big Power Overview List

4.6.2 Big Power Products & Services

4.6.3 Big Power Business Operation Conditions

Table Business Operation of Big Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.7 Australian Vanadium (Company Profile, Sales Data etc.)

4.7.1 Australian Vanadium Profile

Table Australian Vanadium Overview List

4.7.2 Australian Vanadium Products & Services

4.7.3 Australian Vanadium Business Operation Conditions

Table Business Operation of Australian Vanadium (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.8 Golden Energy Fuel Cell (Company Profile, Sales Data etc.)

4.8.1 Golden Energy Fuel Cell Profile

Table Golden Energy Fuel Cell Overview List

4.8.2 Golden Energy Fuel Cell Products & Services

4.8.3 Golden Energy Fuel Cell Business Operation Conditions

Table Business Operation of Golden Energy Fuel Cell (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.9 H2, Inc. (Company Profile, Sales Data etc.)

4.9.1 H2, Inc. Profile

Table H2, Inc. Overview List

4.9.2 H2, Inc. Products & Services

4.9.3 H2, Inc. Business Operation Conditions

Table Business Operation of H2, Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

5 MARKET COMPETITION

5.1 Company Competition

Table Global Vanadium Redox Battery (VRB) Sales Revenue 2015-2019, by Company, in USD Million

Table Global Vanadium Redox Battery (VRB) Sales Revenue Share 2015-2019, by

Company, in USD Million

Figure Global Vanadium Redox Battery (VRB) Sales Revenue Share in 2019, by Company, in USD Million

Table Global Vanadium Redox Battery (VRB) Sales Volume 2015-2019, by Company, in Volume

Table Global Vanadium Redox Battery (VRB) Sales Volume Share 2015-2019, by Company, in Volume

Figure Global Vanadium Redox Battery (VRB) Sales Volume Share in 2019, by Company, in Volume

5.2 Regional Market by Company

Figure North America Vanadium Redox Battery (VRB) Market Concentration, in 2019

Figure Europe Vanadium Redox Battery (VRB) Market Market Concentration, in 2019

Figure Asia-Pacific Vanadium Redox Battery (VRB) MMarket Concentration, in 2019

Figure South America Vanadium Redox Battery (VRB) Market Concentration, in 2019

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Concentration, in 2019

6 DEMAND BY END MARKET

6.1 Demand Situation

6.1.1 Demand in Large-Scale Energy Storage

Figure Vanadium Redox Battery (VRB) Demand in Large-Scale Energy Storage, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Large-Scale Energy Storage, 2015-2019, in Volume

6.1.2 Demand in Uninterruptible Power Supply

Figure Vanadium Redox Battery (VRB) Demand in Uninterruptible Power Supply, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Uninterruptible Power Supply, 2015-2019, in Volume

6.1.3 Demand in Others

Figure Vanadium Redox Battery (VRB) Demand in Others, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Others, 2015-2019, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List

Table Major Application in Different Regions

6.3 Demand Forecast

Table Vanadium Redox Battery (VRB) Demand Forecast 2020-2025, by Application, in USD Million

Figure Vanadium Redox Battery (VRB) Market Growth 2020-2025, by Application, in USD Million

Figure Vanadium Redox Battery (VRB) Market Share in 2025, by Application, in USD Million

Table Vanadium Redox Battery (VRB) Demand Forecast 2020-2025, by Application, in Volume

Table Vanadium Redox Battery (VRB) Market Growth 2020-2025, by Application, in Volume

Table Vanadium Redox Battery (VRB) Market Share in 2025, by Application, in Volume

7 REGION OPERATION

7.1 Regional Production

Table Vanadium Redox Battery (VRB) Production 2015-2019, by Region, in USD Million

Table Vanadium Redox Battery (VRB) Production 2015-2019, by Region, in Volume

7.2 Regional Market

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Region, in USD Million

Table Global Vanadium Redox Battery (VRB) Market Share 2015-2019, by Region, in USD Million

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Region, in Volume

Table Global Vanadium Redox Battery (VRB) Market Share 2015-2019, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure North America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table North America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Europe Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table Europe Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

7.3.4 South America

7.3.4.1 Overview

Figure South America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure South America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table South America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

7.3.5 Middle East & Africa

7.3.5.1 Overview

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Vanadium Redox Battery (VRB) Market Size 2015-2019, by

Country, in Volume

7.4 Regional Import & Export

7.5 Regional Forecast

Table Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Region, in USD Million

Table Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Region, in Volume

8 MARKETING & PRICE

8.1 Price and Margin

8.1.1 Price Trends

8.1.2 Factors of Price Change

Table Price Factors List

8.1.3 Manufacturers Gross Margin Analysis

8.2 Marketing Channel

Figure Marketing Channels Overview

9 RESEARCH CONCLUSION

List Of Tables

LIST OF TABLES

Table Upstream Segment of Vanadium Redox Battery (VRB)

Table Application Segment of Vanadium Redox Battery (VRB)

Table Global Vanadium Redox Battery (VRB) Market 2015-2025, by Application, in USD Million

Table Major Company List of Graphite Felt Electrode

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Type, in USD Million

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Type, in Volume

Table Global Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Type, in USD Million

Table Global Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Type, in Volume

Table Sumitomo Electric Industries Overview List

Table Business Operation of Sumitomo Electric Industries (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Rongke Power Overview List

Table Business Operation of Rongke Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table UniEnergy Technologies Overview List

Table Business Operation of UniEnergy Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table redT Energy Overview List

Table Business Operation of redT Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Vionx Energy Overview List

Table Business Operation of Vionx Energy (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Big Power Overview List

Table Business Operation of Big Power (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Australian Vanadium Overview List

Table Business Operation of Australian Vanadium (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Golden Energy Fuel Cell Overview List

Table Business Operation of Golden Energy Fuel Cell (Sales Revenue, Sales Volume,

Price, Cost, Gross Margin)

Table H2, Inc. Overview List

Table Business Operation of H2, Inc. (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Vanadium Redox Battery (VRB) Sales Revenue 2015-2019, by Company, in USD Million

Table Global Vanadium Redox Battery (VRB) Sales Revenue Share 2015-2019, by Company, in USD Million

Table Global Vanadium Redox Battery (VRB) Sales Volume 2015-2019, by Company, in Volume

Table Global Vanadium Redox Battery (VRB) Sales Volume Share 2015-2019, by Company, in Volume

Table Regional Demand Comparison List

Table Major Application in Different Regions

Table Vanadium Redox Battery (VRB) Demand Forecast 2020-2025, by Application, in USD Million

Table Vanadium Redox Battery (VRB) Demand Forecast 2020-2025, by Application, in Volume

Table Vanadium Redox Battery (VRB) Market Growth 2020-2025, by Application, in Volume

Table Vanadium Redox Battery (VRB) Market Share in 2025, by Application, in Volume

Table Vanadium Redox Battery (VRB) Production 2015-2019, by Region, in USD Million

Table Vanadium Redox Battery (VRB) Production 2015-2019, by Region, in Volume

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Region, in USD Million

Table Global Vanadium Redox Battery (VRB) Market Share 2015-2019, by Region, in USD Million

Table Global Vanadium Redox Battery (VRB) Market 2015-2019, by Region, in Volume

Table Global Vanadium Redox Battery (VRB) Market Share 2015-2019, by Region, in Volume

Table North America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table North America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

Table Europe Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table Europe Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

Table Asia-Pacific Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country,

in USD Million

Table Asia-Pacific Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

Table South America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table South America Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

Table Middle East & Africa Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Vanadium Redox Battery (VRB) Market Size 2015-2019, by Country, in Volume

Table Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Region, in USD Million

Table Vanadium Redox Battery (VRB) Market Forecast 2020-2025, by Region, in Volume

Table Price Factors List

List Of Figures

LIST OF FIGURES

Figure Vanadium Redox Battery (VRB) Industry Chain Structure

Figure Global Vanadium Redox Battery (VRB) Market Growth 2015-2019, by Type, in USD Million

Figure Global Vanadium Redox Battery (VRB) Market Growth 2015-2019, by Type, in Volume

Figure Global Vanadium Redox Battery (VRB) Sales Revenue Share in 2019, by Company, in USD Million

Figure Global Vanadium Redox Battery (VRB) Sales Volume Share in 2019, by Company, in Volume

Figure North America Vanadium Redox Battery (VRB) Market Concentration, in 2019

Figure Europe Vanadium Redox Battery (VRB) Market Market Concentration, in 2019

Figure Asia-Pacific Vanadium Redox Battery (VRB) MMarket Concentration, in 2019

Figure South America Vanadium Redox Battery (VRB) Market Concentration, in 2019

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Concentration, in 2019

Figure Vanadium Redox Battery (VRB) Demand in Large-Scale Energy Storage, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Large-Scale Energy Storage, 2015-2019, in Volume

Figure Vanadium Redox Battery (VRB) Demand in Uninterruptible Power Supply, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Uninterruptible Power Supply, 2015-2019, in Volume

Figure Vanadium Redox Battery (VRB) Demand in Others, 2015-2019, in USD Million

Figure Vanadium Redox Battery (VRB) Demand in Others, 2015-2019, in Volume

Figure Vanadium Redox Battery (VRB) Market Growth 2020-2025, by Application, in USD Million

Figure Vanadium Redox Battery (VRB) Market Share in 2025, by Application, in USD Million

Figure North America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure North America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

Figure Europe Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Europe Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

Figure Asia-Pacific Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

Figure South America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure South America Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Vanadium Redox Battery (VRB) Market Size and Growth 2015-2019, in Volume

Figure Marketing Channels Overview

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